

**Project Title:** Burton Creek Interceptor Replacement  
**Project Manager(s):** Tim Mitchell

**Description:**

Replacement of 12,000 l.f. of the existing interceptor from Burton Creek/Custer Drive to Rock Castle Creek and Route 501.

**Timetable:**

Dependant on growth along Ward's Road and Candler's Mountain areas.

**Location:**

Along Burton Creek and Rock Castle Creek and adjacent to Route 501 and Wards Road

**Status of Project Site:**

City owned.

**Operating Budget Impact (Overall operating expenses and projected staffing requirements):**

None

<b>FY 2003-2008 Program Period Funding:</b>	<b>Funding Outside of Program Period</b>		<b>Total Accumulated Project Cost:</b>
	<b><u>Prior:</u></b>	<b><u>Beyond:</u></b>	
	0	0	\$2,750,000

**Six Year Proposed Funding to be Financed by the City**

<b>Activity Name</b>	<b>FY 2003</b>	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>	<b>FY 2007</b>	<b>FY 2008</b>	<b>Program Period Estimate</b>
City Engineering		\$50,000	\$15,000				\$65,000
Consultant Services			\$100,000				\$100,000
Construction			\$2,585,000				\$2,585,000
<b>Totals</b>		<b>\$50,000</b>	<b>\$2,700,000</b>				<b>\$2,750,000</b>

**Sources of Funding/Cash Needs**

<b>Sources of Funding</b>	<b>FY 2003</b>	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>	<b>FY 2007</b>	<b>FY 2008</b>	<b>Total Funding</b>
<b>G. O Bond</b>		\$25,000	\$1,375,000	1,350,000			<b>\$2,750,000</b>
<b>Pay-As-You-Go</b>							
<b>Other</b>							
<b>Totals</b>		<b>\$25,000</b>	<b>\$1,375,000</b>	<b>\$1,350,000</b>			<b>\$2,750,000</b>

**Sources of Program Funding FY 2003-2008**

**Local:** 100%

**State/Federal:**

**Project Title:** Combined Sewer Overflow (CSO) Program Office  
**Project Manager(s):** Greg Poff

**Description:**

Dedicated staff is needed to manage all aspects of the CSO Program. Does not include design or construction staff.  
 This project funds the operating costs of managing the CSO Program.

**Timetable:**

Annually

**Location:**

525 Taylor Street

**Status of Project Site:**

City Owned

**Operating Budget Impact (Overall operating expenses and projected staffing requirements):**

N/A

<b>FY 2003-2008 Program Period Funding:</b>	<b>Funding Outside of Program Period</b>		<b>Total Accumulated Project Cost:</b>
	<b><u>Prior:</u></b>	<b><u>Beyond:</u></b>	
	Continuing	Continuing	\$1,160,000

**Six Year Proposed Funding to be Financed by the City**

<b>Activity Name</b>	<b>FY 2003</b>	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>	<b>FY 2007</b>	<b>FY 2008</b>	<b>Program Period Estimate</b>
City Engineering	\$114,000	\$124,000	\$134,000	\$144,000	\$154,000	\$154,000	<b>\$824,000</b>
Consultant Services	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	<b>\$50,000</b>
Miscellaneous	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	<b>\$6,000</b>
<b>Totals</b>	<b>\$170,000</b>	<b>\$180,000</b>	<b>\$190,000</b>	<b>\$200,000</b>	<b>\$210,000</b>	<b>\$210,000</b>	<b>\$1,160,000</b>

**Sources of Funding/Cash Needs**

<b>Sources of Funding</b>	<b>FY 2003</b>	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>	<b>FY 2007</b>	<b>FY 2008</b>	<b>Total Funding</b>
<b>G. O Bond</b>	\$85,000	\$175,000	\$185,000	\$195,000	\$205,000	\$210,000	<b>\$1,055,000</b>
<b>Pay-As-You-Go</b>							
<b>Other</b>							
<b>Totals</b>	<b>\$85,000</b>	<b>\$175,000</b>	<b>\$185,000</b>	<b>\$195,000</b>	<b>\$205,000</b>	<b>\$210,000</b>	<b>\$1,055,000</b>

**Sources of Program Funding FY 2003-2008**

**Local:** 100%

**State/Federal:**

**Project Title:** Fishing Creek Interceptor Replacement  
**Project Manager(s):** Tim Mitchell

**Description:**

Replacement of approximately 9,100 l.f. of the final division of the main interceptor in the Fishing Creek Drainage Basin.

**Timetable:**

FY07: Design

FY08: Construction

**Location:**

Along Fishing Creek from Murray Place to Candler's Mountain Road

**Status of Project Site:**

City Easements

**Operating Budget Impact (Overall operating expenses and projected staffing requirements):**

N/A

<i>FY 2003-2008 Program Period Funding:</i>	<i>Funding Outside of Program Period</i>		<i>Total Accumulated Project Cost:</i>
	<u><i>Prior:</i></u>	<u><i>Beyond:</i></u>	
	0	0	\$1,500,000

**Six Year Proposed Funding to be Financed by the City**

<i>Activity Name</i>	<i>FY 2003</i>	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>Program Period Estimate</i>
City Engineering					\$20,000		\$20,000
Consultant Services					\$150,000		\$150,000
Construction					\$330,000	\$1,000,000	\$1,330,000
<b>Totals</b>					<b>\$500,000</b>	<b>\$1,000,000</b>	<b>\$1,500,000</b>

**Sources of Funding/Cash Needs**

<i>Sources of Funding</i>	<i>FY 2003</i>	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>Total Funding</i>
<i>G. O Bond</i>					\$250,000	\$750,000	\$1,000,000
<i>Pay-As-You-Go</i>							
<i>Other</i>							
<b>Totals</b>					<b>\$250,000</b>	<b>\$750,000</b>	<b>\$1,000,000</b>

**Sources of Program Funding FY 2003-2008**

**Local:** 100%

**State/Federal:**

**Project Title:** Major Collection System Repairs  
**Project Manager(s):** Tim Mitchell

**Description:**

Major repairs to the City's Wastewater Collection System. Costs of repairs are beyond normal operating capabilities.

**Timetable:**

On an as needed basis.

**Location:**

Various locations in the City

**Status of Project Site:**

Replaces sewer lines that are not programmed into the CSO project in the near future but needs to be replaced.

**Operating Budget Impact (Overall operating expenses and projected staffing requirements):**

N/A

<i>FY 2003-2008 Program Period Funding:</i>	<i>Funding Outside of Program Period</i>		<i>Total Accumulated Project Cost: Continuing</i>
	<i><u>Prior:</u></i> Continuing	<i><u>Beyond:</u></i> Continuing	

**Six Year Proposed Funding to be Financed by the City**

<i>Activity Name</i>	<i>FY 2003</i>	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>Program Period Estimate</i>
City Engineering	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	<b>\$90,000</b>
Construction	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000	<b>\$660,000</b>
<b>Totals</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$750,000</b>

**Sources of Funding/Cash Needs**

<i>Sources of Funding</i>	<i>FY 2003</i>	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>Total Funding</i>
<b>G. O Bond</b>	<b>\$62,500</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$687,500</b>
<b>Pay-As-You-Go</b>							
<b>Other</b>							
<b>Totals</b>	<b>\$62,500</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$687,500</b>

**Sources of Program Funding FY 2003-2008**

**Local:** 100%

**State/Federal:**

**Project Title:** Rainleader Disconnect Program (CSO)  
**Project Manager(s):** Greg Poff

**Description:**

Investigate approximately 9,500 structures removing approximately 5,600 residential/commercial structures from sewer. Phase I (Voluntary Disconnects) has been completed. Cost reflects Phase II of Program, where remaining disconnects are performed with separation projects.

**Timetable:**

Implemented in conjunction with CSO Separation Projects. Timing is variable dependent on funding

**Location:**

N/A

**Status of Project Site:**

N/A

**Operating Budget Impact (Overall operating expenses and projected staffing requirements):**

N/A

<i>FY 2003-2008 Program Period Funding:</i>	<i>Funding Outside of Program Period</i>		<i>Total Accumulated Project Cost:</i>
	<i><u>Prior:</u></i>	<i><u>Beyond:</u></i>	
	Continuing	Continuing	Continuing

**Six Year Proposed Funding to be Financed by the City**

<i>Activity Name</i>	<i>FY 2003</i>	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>Program Period Estimate</i>
Consultant Services	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
Owner Payments	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
<b>Totals</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$600,000</b>

**Sources of Funding/Cash Needs**

<i>Sources of Funding</i>	<i>FY 2003</i>	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>Total Funding</i>
<i>G. O Bond</i>	\$50,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$550,000
<i>Pay-As-You-Go</i>							
<i>Other</i>							
<b>Totals</b>	<b>\$50,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$550,000</b>

**Sources of Program Funding FY 2003-2008**

**Local:** 100%

**State/Federal:**

**Project Title:** Sewer Extensions  
**Project Manager(s):** Tim Mitchell, Lee Newland

**Description:**

Provide for the extension of sewer lines into unserved areas of the City due to new construction, failed septic systems or economic development.

**Timetable:**

On an as-needed basis

**Location:**

Various location in City

**Status of Project Site:**

N/A

**Operating Budget Impact (Overall operating expenses and projected staffing requirements):**

N/A

<b>FY 2003-2008 Program Period Funding:</b>	<b>Funding Outside of Program Period</b>		<b>Total Accumulated Project Cost:</b>
	<b><u>Prior:</u></b>	<b><u>Beyond:</u></b>	
	Continuing	Continuing	Continuing

**Six Year Proposed Funding to be Financed by the City**

<b>Activity Name</b>	<b>FY 2003</b>	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>	<b>FY 2007</b>	<b>FY 2008</b>	<b>Program Period Estimate</b>
City Engineering	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000
Construction	\$420,000	\$420,000	\$420,000	\$420,000	\$420,000	\$420,000	\$2,520,000
Inspection	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000
Contract Administration	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$30,000
Other	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$210,000
<b>Totals</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$3,000,000</b>

**Sources of Funding/Cash Needs**

<b>Sources of Funding</b>	<b>FY 2003</b>	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>	<b>FY 2007</b>	<b>FY 2008</b>	<b>Total Funding</b>
<b>G. O Bond</b>	<b>\$250,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,750,000</b>
<b>Pay-As-You-Go</b>							
<b>Other</b>							
<b>Totals</b>	<b>\$250,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,750,000</b>

**Sources of Program Funding FY 2003-2008**

**Local:** 100%

**State/Federal:**

**Project Title:** Sewer Separation/Rehabilitation (CSO)  
**Project Manager(s):** Greg Poff

**Description:**

Separation and rehabilitation of existing combined sewers including construction of new lines with low interest State loans and local borrowing. Funding schedule is net of Federal or State grants.

**Timetable:**

Dependant on funding. Projected to continue for 15-20 years.

**Location:**

Various locations in City

**Status of Project Site:**

N/A

**Operating Budget Impact (Overall operating expenses and projected staffing requirements):**

N/A

<b>FY 2003-2008 Program Period Funding:</b>	<b>Funding Outside of Program Period</b>		<b>Total Accumulated Project Cost:</b>
	<b><u>Prior:</u></b>	<b><u>Beyond:</u></b>	
	Continuing	Continuing	Continuing

**Six Year Proposed Funding to be Financed by the City**

<b>Activity Name</b>	<b>FY 2003</b>	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>	<b>FY 2007</b>	<b>FY 2008</b>	<b>Program Period Estimate</b>
City Engineering	\$56,000	\$25,000	\$40,000	\$40,000	\$36,000	\$49,000	<b>\$246,000</b>
Consultant Services	\$280,000	\$126,000	\$196,000	\$198,000	\$180,000	\$249,000	<b>\$1,229,000</b>
Construction	\$2,230,000	\$1,628,000	\$2,284,000	\$2,370,000	\$2,390,000	\$1,715,000	<b>\$12,617,000</b>
Inspection	\$140,000	\$63,000	\$98,000	\$99,000	\$90,000	\$148,000	<b>\$638,000</b>
Contract Administration	\$140,000	\$63,000	\$98,000	\$99,000	\$90,000	\$150,000	<b>\$640,000</b>
<b>Totals</b>	<b>\$2,846,000</b>	<b>\$1,905,000</b>	<b>\$2,716,000</b>	<b>\$2,806,000</b>	<b>\$2,786,000</b>	<b>\$2,311,000</b>	<b>\$15,370,000</b>

**Sources of Funding/Cash Needs**

<b>Sources of Funding</b>	<b>FY 2003</b>	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>	<b>FY 2007</b>	<b>FY 2008</b>	<b>Total Funding</b>
<b>G. O Bond</b>	<b>\$1,423,000</b>	<b>\$2,375,500</b>	<b>\$2,310,500</b>	<b>\$2,761,000</b>	<b>\$2,796,000</b>	<b>\$2,548,500</b>	<b>\$14,214,500</b>
<b>Pay-As-You-Go</b>							
<b>Other</b>							
<b>Totals</b>	<b>\$1,423,000</b>	<b>\$2,375,500</b>	<b>\$2,310,500</b>	<b>\$2,761,000</b>	<b>\$2,796,000</b>	<b>\$2,548,500</b>	<b>\$14,214,500</b>

**Sources of Program Funding FY 2003-2008**

**Local:** 100%

**State/Federal:**

**Project Title:** Wastewater Treatment Plant Alternate Disinfection Project  
**Project Manager(s):** Tim Mitchell

**Description:**

Installation of an alternative disinfection system. Originally installed in 1974, the current facilities are in need of replacement with a safer process to eliminate the hazards of liquid chlorine.

**Timetable:**

FY04Q3-4: Design  
 FY04Q4 through FY05Q4: Construction

**Location:**

Concord Turnpike

**Status of Project Site:**

City Owned

**Operating Budget Impact (Overall operating expenses and projected staffing requirements):**

Net increase of \$50,000/year

<i>FY 2003-2008 Program Period Funding:</i>	<i>Funding Outside of Program Period</i>		<i>Total Accumulated</i>
	<u><i>Prior:</i></u>	<u><i>Beyond:</i></u>	<u><i>Project Cost:</i></u>
	0	0	\$850,000

**Six Year Proposed Funding to be Financed by the City**

<i>Activity Name</i>	<i>FY 2003</i>	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>Program Period Estimate</i>
Design		\$50,000					\$50,000
Construction		\$800,000					\$800,000
<b>Totals</b>		<b>\$850,000</b>					<b>\$850,000</b>

**Sources of Funding/Cash Needs**

<i>Sources of Funding</i>	<i>FY 2003</i>	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>Total Funding</i>
<i>G. O Bond</i>		\$425,000	\$425,000				\$850,000
<i>Pay-As-You-Go</i>							
<i>Other</i>							
<b>Totals</b>		<b>\$425,000</b>	<b>\$425,000</b>				<b>\$850,000</b>

**Sources of Program Funding FY 2003-2008**

**Local:** 100%

**State/Federal:**



**Project Title:** Wastewater Treatment Plant Improvements  
**Project Manager(s):** Tim Mitchell

**Description:**

Upgrade to the dedicated Rock-Tenn facilities at the Wastewater Treatment Plant. Debt service for capital cost will be included in the new rate contract with RockTenn.

**Timetable:**

FY02Q4 through FY03Q4: Design  
 FY03Q4 through FY04Q4: Construction

**Location:**

Concord Turnpike

**Status of Project Site:**

City Owned

**Operating Budget Impact (Overall operating expenses and projected staffing requirements):**

<i>FY 2003-2008 Program Period Funding:</i>	<i>Funding Outside of Program Period</i>		<i>Total Accumulated Project Cost:</i>
	<i><u>Prior:</u></i>	<i><u>Beyond:</u></i>	
	\$250,000	0	\$3,150,000

**Six Year Proposed Funding to be Financed by the City**

<i>Activity Name</i>	<i>FY 2003</i>	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>Program Period Estimate</i>
Construction	\$2,900,000						\$2,900,000
<b>Totals</b>	<b>\$2,900,000</b>						<b>\$2,900,000</b>

**Sources of Funding/Cash Needs**

<i>Sources of Funding</i>	<i>FY 2003</i>	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>Total Funding</i>
G. O Bond	1,450,000	\$1,450,000					\$2,900,000
Pay-As-You-Go							
Other							
<b>Totals</b>	<b>1,450,000</b>	<b>\$1,450,000</b>					<b>\$2,900,000</b>

**Sources of Program Funding FY 2003-2008**

**Local:**

**State/Federal:**

**Other:** 100%



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